

## CLAIMS

- 1      Process for producing a channel cleaning brush (1) for cleaning an endoscope operating channel, comprising, mounted on a flexible core (10), at least one brush (15) comprising a cleaning coil (21) disposed on a shaft (20), wherein a synthetic material brush (15) is over-moulded (30', 30"; 100) onto the core (10), the process being characterised by the fact that a plurality of brushes (15) are over-moulded onto the core (10).
- 2      Process as claimed in claim 1, wherein the core (10) is pre-cut between two brushes (15).
- 3      Process as claimed in claim 1, wherein the core (10) is cut between two brushes (15), the two strands (10', 10") of the core are separated and a pre-cutting point connector (23) comprising a breaking point (24) is over-moulded onto the two strands (10', 10").
- 4      Process as claimed in any one of claims 1 to 3, wherein the core (10) with no brushes applied is unwound from a supply spool (50) and the core (10) bearing the brushes (15) is wound onto a receiving spool (60).
- 5      Process as claimed in any one of claims 1 to 4, wherein the over-moulding is fusion diecast moulding.
- 6      Process as claimed in any one of claims 1 and 5, wherein over-moulding is carried out in a modular mould (30', 30").